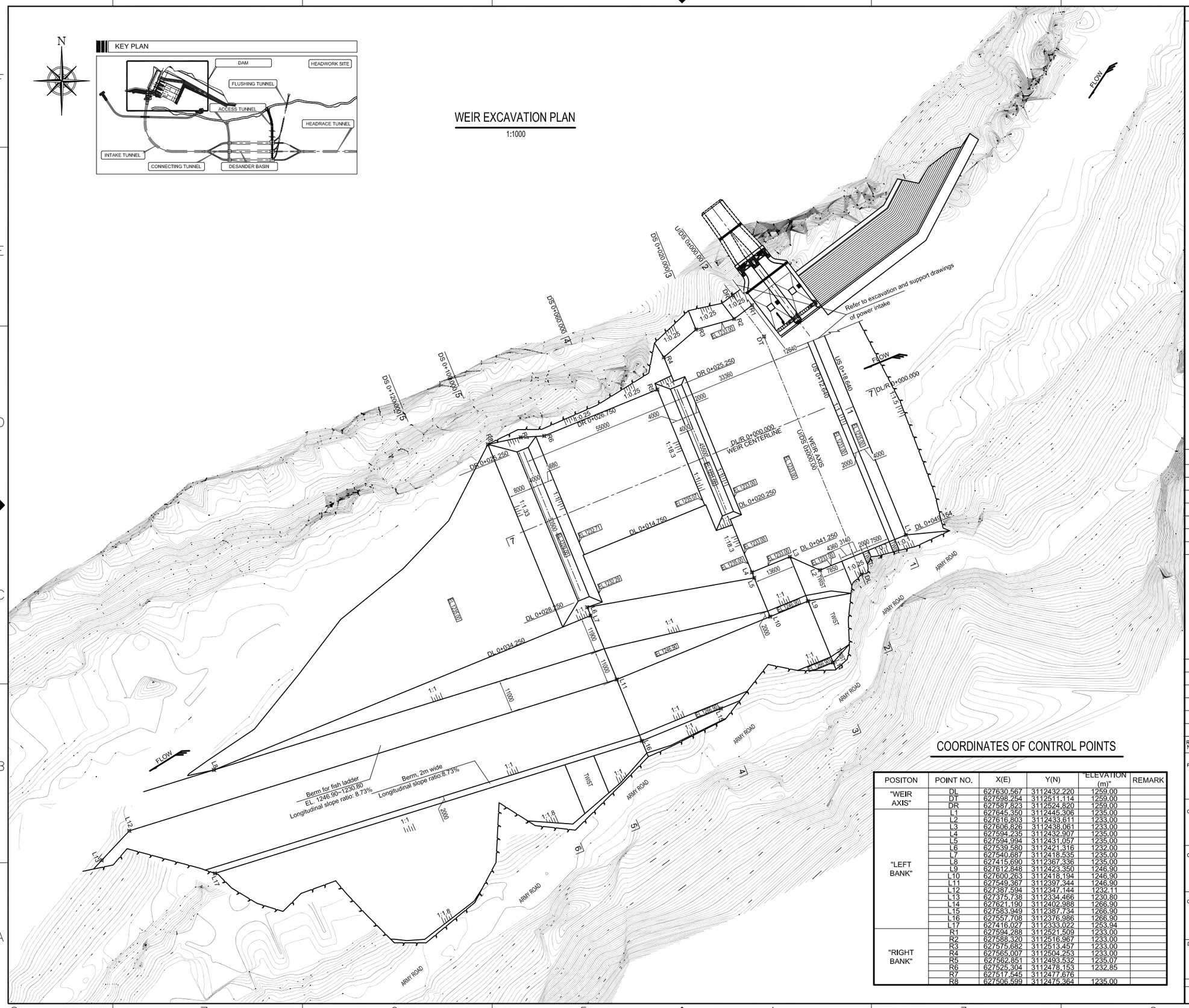
KEY PLAN

WEIR EXCAVATION PLAN

1:1000



COORDINATES OF CONTROL POINTS

POSITON	POINT NO.	X(E)	Y(N)	"ELEVATION (m)"	REMARK
"WEIR AXIS"	DL	627630.567	3112432.220	1259.00	
	DT	627598.254	3112511.114	1259.00	
	DR	627587.823	3112524.820	1259.00	
"LEFT BANK"	L1	627645.350	3112445.306	1235.00	
	L2	627616.803	3112433.611	1233.00	
	L3	627606.826	3112438.061	1233.00	
	L4	627594.235	3112432.907	1235.00	
	L5	627594.994	3112431.057	1235.00	
	L6	627539.580	3112421.316	1232.00	
	L7	627540.687	3112418.535	1235.00	
	L8	627415.690	3112367.336	1235.00	
	L9	627612.848	3112423.350	1246.90	
	L10	627600.263	3112418.194	1246.90	
	L11	627549.367	3112397.344	1246.90	
	L12	627387.594	3112347.144	1232.11	
	L13	627375.738	3112334.466	1230.80	
	L14	627621.190	3112402.988	1266.90	
	L15	627583.949	3112387.734	1266.90	
	L16	627557.708	3112376.986	1266.90	
	L17	627416.027	3112333.022	1253.94	
"RIGHT BANK"	R1	627594.288	3112521.509	1233.00	
	R2	627588.320	3112516.967	1233.00	
	R3	627575.682	3112513.457	1233.00	
	R4	627565.007	3112504.253	1233.00	
	R5	627562.851	3112493.532	1235.07	
	R6	627525.304	3112478.153	1232.85	
	R7	627517.545	3112477.676		
	R8	627506.599	3112475.364	1235.00	

NOTE

1. All dimensions are in millimeters, and coordinates, chainages & elevations are in meters.
2. The foundation excavation elevations don't contain 0.1m thickness blinding concrete. 0.1m blinding concrete layer is dug down according to outline of concrete during construction.
3. Sacle:

1:1000 0 5 10 15 20 25m

REFERENCE DRAWINGS

UT1-C-050-CVL-DG-44001	HEAD WORKS LAYOUT PLAN

SYMBOL AND LEGEND

FOR APPROVAL

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REV. NO.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
A	16.FEB. 2023	First issue	DONG Z.Z.	WANG H.Q.	LI.W.G

PROJECT TITLE

Upper Trishuli-1 HEP (216MW)

OWNER

NWEDC

OWNER'S ENGINEER

TRACTEBEL ENGIE / jade CONSULT

CONTRACTOR

DOOSAN Enerbility

DRAWING TITLE

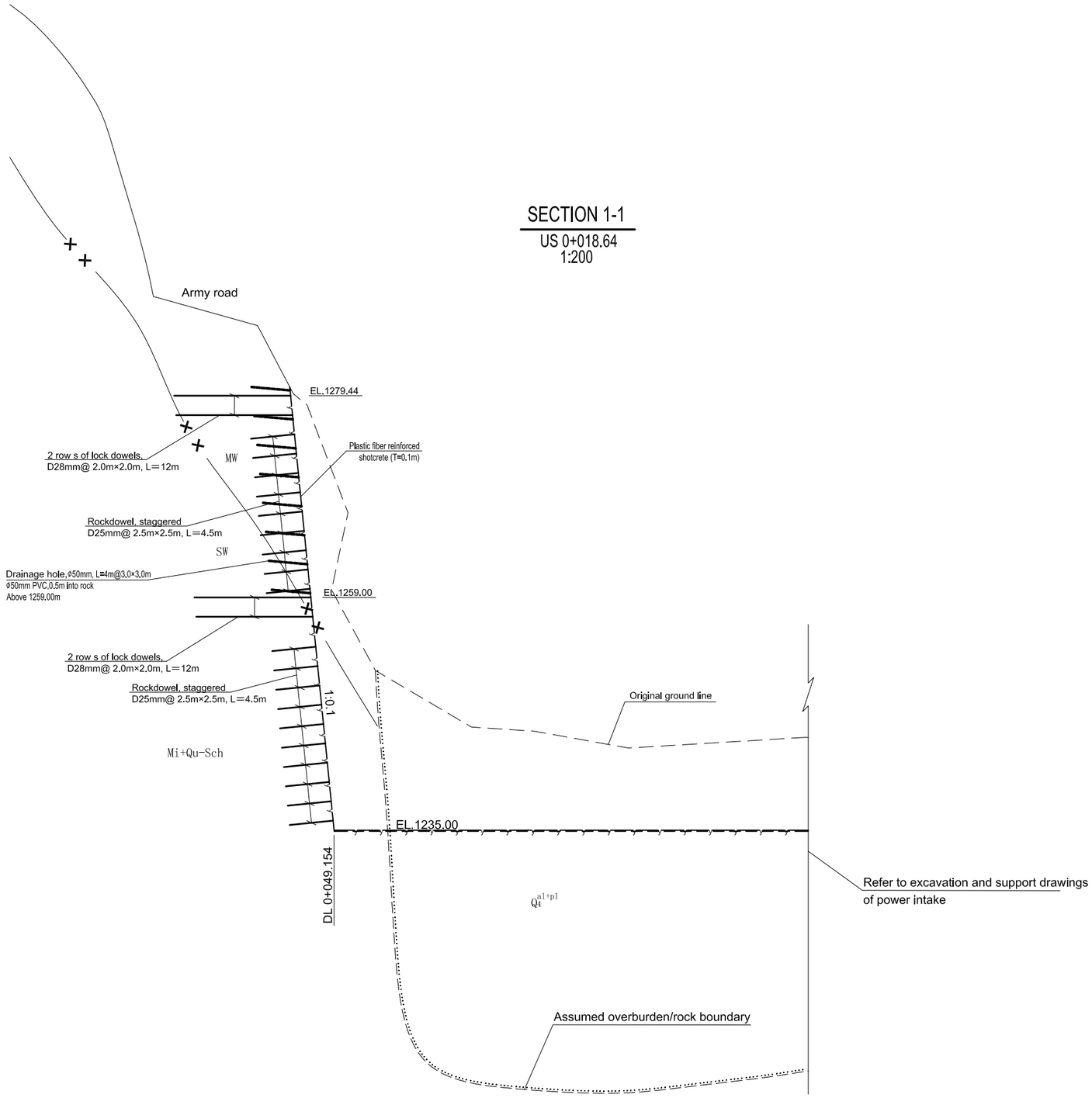
EXCAVATION AND SUPPORT DRAWINGS OF WEIR

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-050-CVL-DG-44002-01	1 OF 8	A

A1 (594 x 841 MM)

SECTION 1-1

US 0+018.64
1:200



NOTE

1. All dimensions are in millimeters, and coordinates, chainages & elevations are in meters.
2. Symbol descrlptlon:
   R-denotes round bar, yield strength is 280MPa.
   D-denotes deformed bar, yield strength is 500MPa.
3. Concrete class symbol "C21 or C24" indicates cylinder specified compressive strength 21MPa or 24MPa at 28 days. Others are similar.
4. The cylinder specified compressive strength of shotcrete at 28 days is 25MPa.
5. The foundation excavation elevations don't contain 0.1m thickness blinding concrete. 0.1m blinding concrete layer is dug down according to outline of concrete during construction.
6. Scale:

1:200 0 2 4 6 8 10m

REFERENCE DRAWINGS

UT1-C-050-CVL-DG-44001	HEAD WORKS LAYOUT PLAN

SYMBOL AND LEGEND

FOR APPROVAL

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A	16.FEB. 2023	First issue	DONG Z.Z.	WANG H.Q.	LI.W.G

PROJECT TITLE
Upper Trishuli-1 HEP (216MW)

OWNER
NWEDC

OWNER'S ENGINEER
TRACTEBEL ENGIE
jade CONSULT

CONTRACTOR
DOOSAN Enerbility

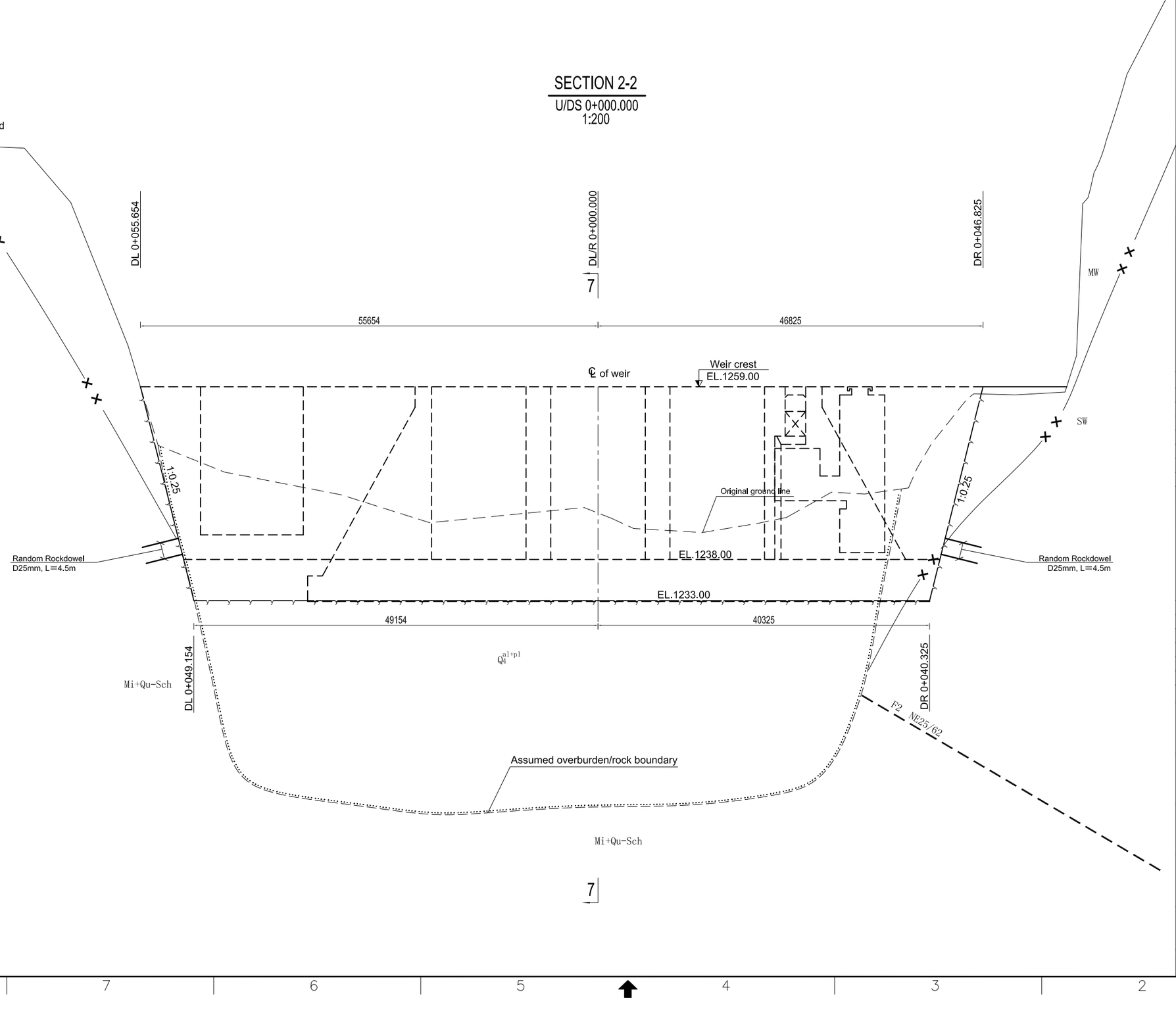
DRAWING TITLE
EXCAVATION AND SUPPORT DRAWINGS OF WEIR

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-050-CVL-DG-44002-02	2 OF 8	A

A1 (594 x 841 MM)

SECTION 2-2

U/DS 0+000.000
1:200



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5. The foundation excavation elevations don't contain 0.1m thickness blinding concrete. 0.1m blinding concrete layer is dug down according to outline of concrete during construction.
6. Scale:

1:200 0 2 4 6 8 10m

REFERENCE DRAWINGS

UT1-C-050-CVL-DG-44001	HEAD WORKS LAYOUT PLAN

SYMBOL AND LEGEND

FOR APPROVAL

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PROJECT TITLE
Upper Trishuli-1 HEP (216MW)

OWNER
NWEDC

OWNER'S ENGINEER
TRACTEBEL ENGIE
jade CONSULT

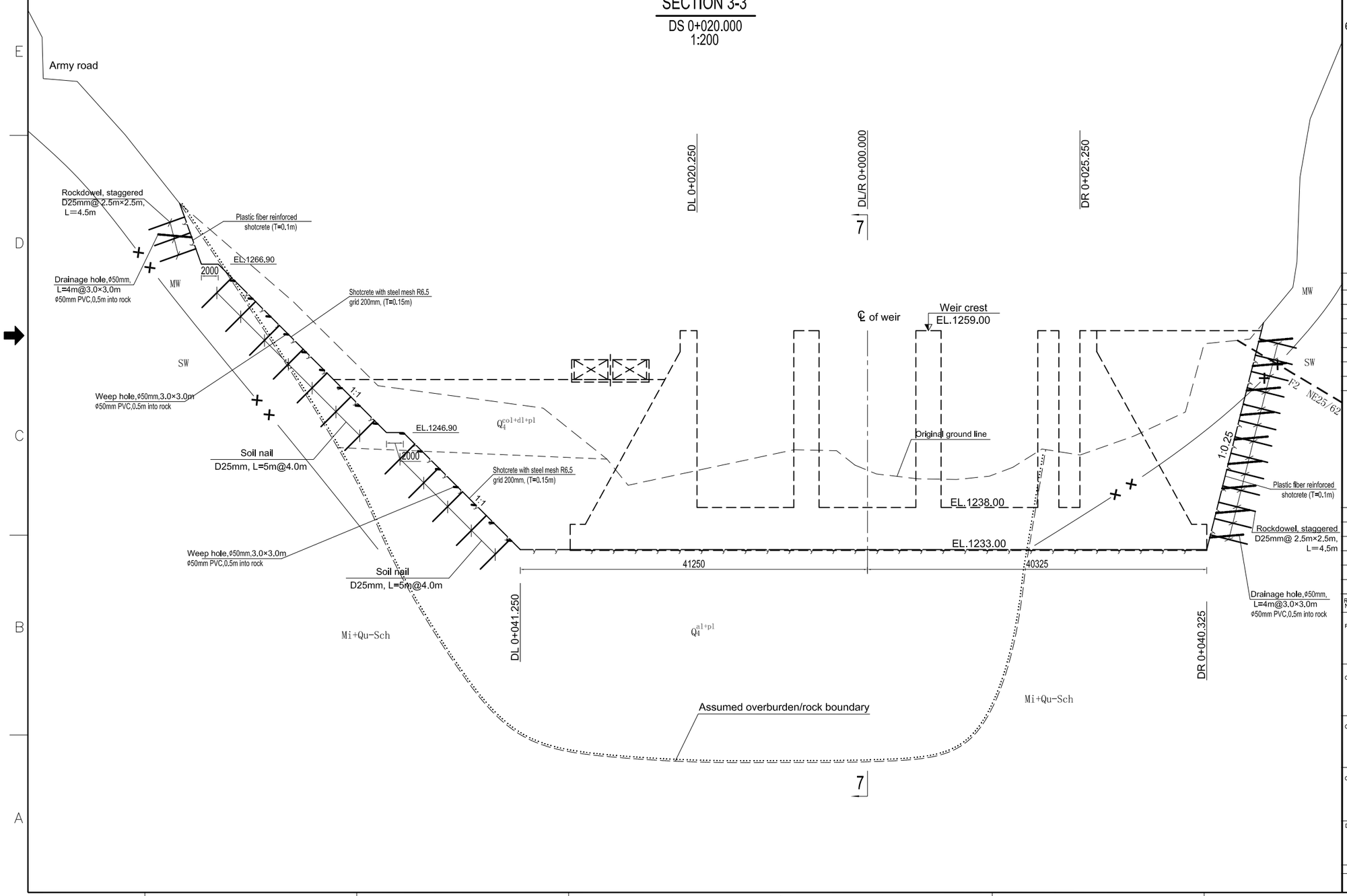
CONTRACTOR
DOOSAN Enerbility

DRAWING TITLE
EXCAVATION AND SUPPORT DRAWINGS OF WEIR

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-050-CVL-DG-44002-03	3 OF 8	A

A1 (594 x 841 MM)

SECTION 3-3
DS 0+020.000
1:200



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6. Scale:

1:200 0 2 4 6 8 10m

REFERENCE DRAWINGS

UT1-C-050-CVL-DG-44001	HEAD WORKS LAYOUT PLAN

SYMBOL AND LEGEND

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PROJECT TITLE
Upper Trishuli-1 HEP (216MW)

OWNER
NWEDC

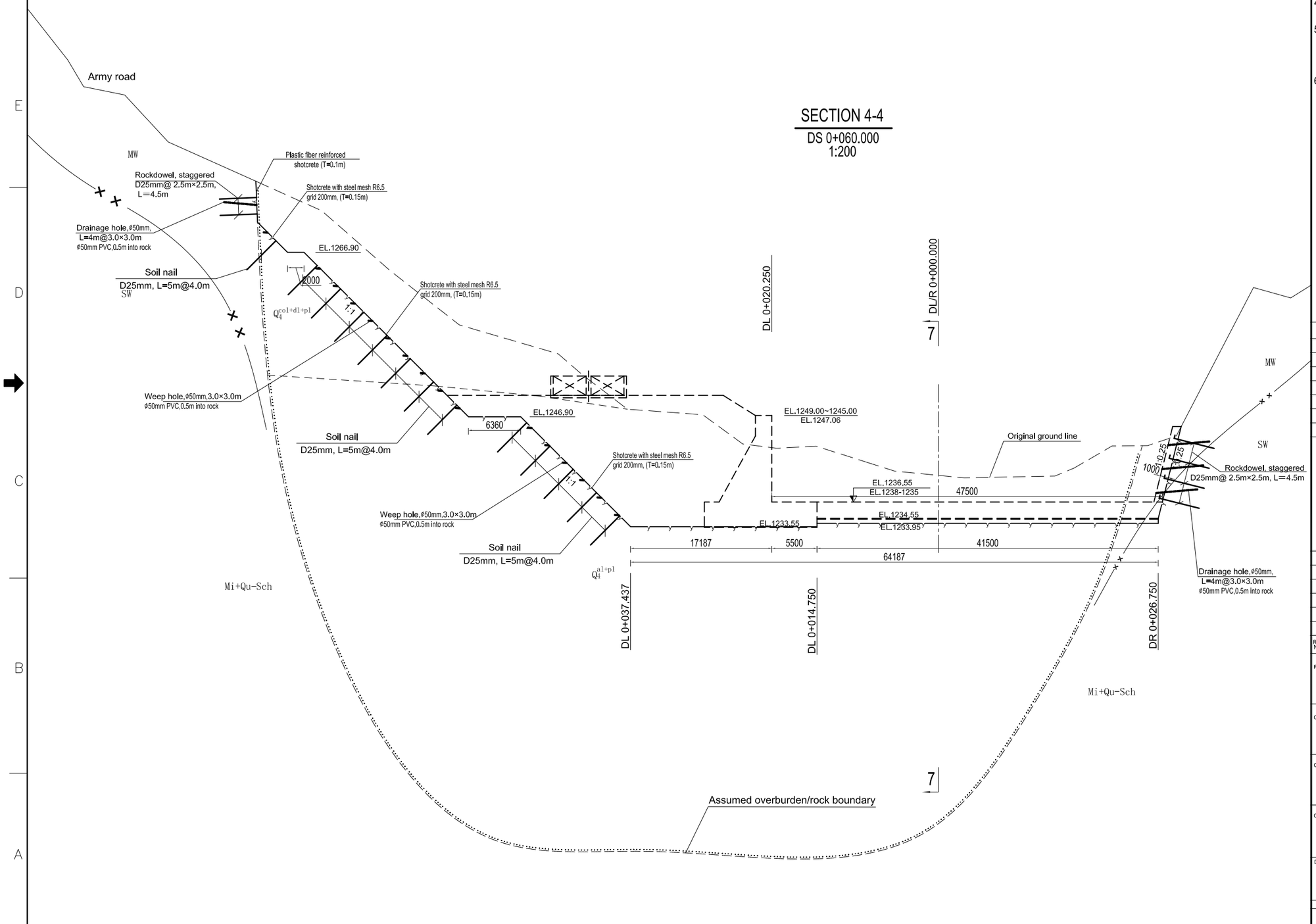
OWNER'S ENGINEER
TRACTEBEL ENGIE
jade CONSULT

CONTRACTOR
DOOSAN Enerbility

DRAWING TITLE
EXCAVATION AND SUPPORT
DRAWINGS OF WEIR

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-050-CVL-DG-44002-04	4 OF 8	A

A1 (594 x 841 MM)



SECTION 4-4

DS 0+060.000
1:200

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4. The cylinder specified compressive strength of shotcrete at 28 days is 25MPa.
5. The foundation excavation elevations don't contain 0.1m thickness blinding concrete. 0.1m blinding concrete layer is dug down according to outline of concrete during construction.
6. Scale:

1:200 0 2 4 6 8 10m

REFERENCE DRAWINGS

UT1-C-050-CVL-DG-44001	HEAD WORKS LAYOUT PLAN

SYMBOL AND LEGEND

FOR APPROVAL

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A	16.FEB. 2023	First issue	DONG Z.Z.	WANG H.Q.	LI.W.G

PROJECT TITLE
Upper Trishuli-1 HEP (216MW)

OWNER
NWEDC

OWNER'S ENGINEER
TRACTEBEL ENGIE
jade CONSULT

CONTRACTOR
DOOSAN Enerbility

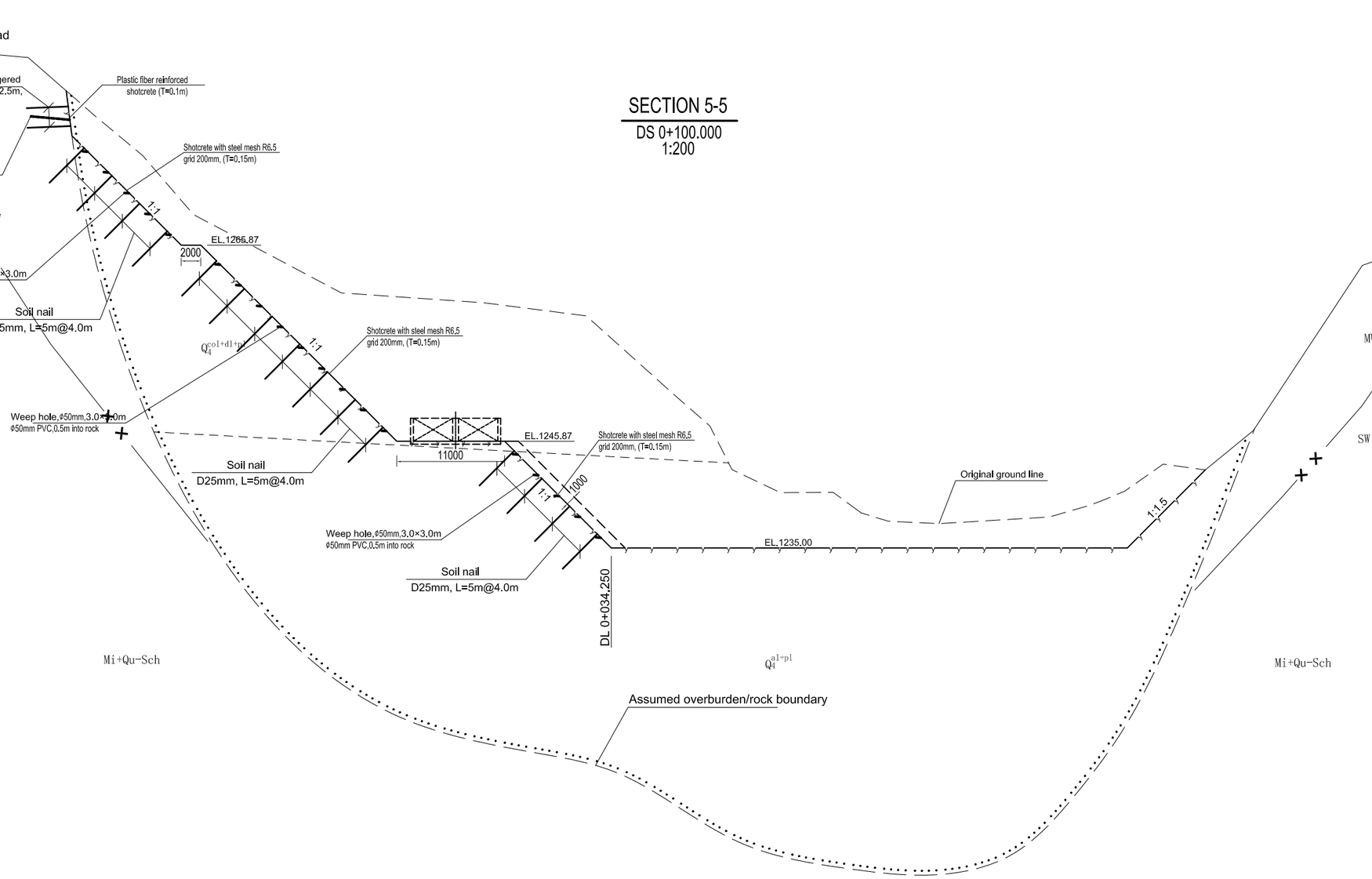
DRAWING TITLE
EXCAVATION AND SUPPORT DRAWINGS OF WEIR

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-050-CVL-DG-44002-05	5 OF 8	A

A1 (594 x 841 MM)

SECTION 5-5

DS 0+100.000
1:200



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6. Scale:

1:200 0 2 4 6 8 10m

REFERENCE DRAWINGS

UT1-C-050-CVL-DG-44001	HEAD WORKS LAYOUT PLAN

SYMBOL AND LEGEND

FOR APPROVAL

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A	16.FEB. 2023	First issue	DONG Z.Z.	WANG H.Q.	LI.W.G

PROJECT TITLE

Upper Trishuli-1 HEP (216MW)

OWNER

NWEDC NEPAL WATER AND ENERGY DEVELOPMENT CO. PVT. LTD.

OWNER'S ENGINEER

TRACTEBEL ENGIE jade CONSULT

CONTRACTOR

DOOSAN Enerbility

DRAWING TITLE

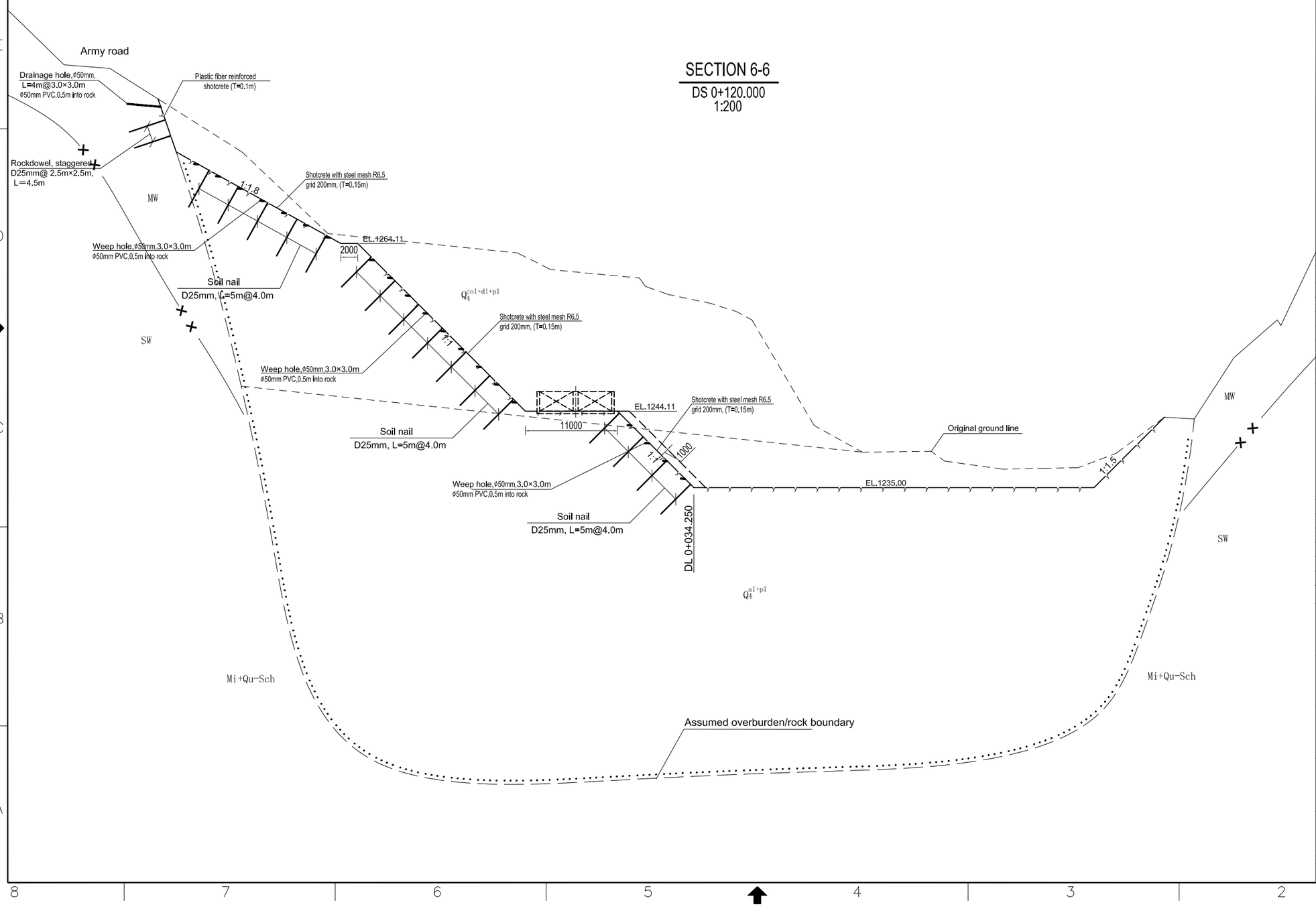
EXCAVATION AND SUPPORT
DRAWINGS OF WEIR

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-050-CVL-DG-44002-06	6 OF 8	A

A1 (594 x 841 MM)

SECTION 6-6

DS 0+120.000
1:200



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5. The foundation excavation elevations don't contain 0.1m thickness blinding concrete. 0.1m blinding concrete layer is dug down according to outline of concrete during construction.
6. Scale:

1:200 0 2 4 6 8 10m

REFERENCE DRAWINGS

UT1-C-050-CVL-DG-44001	HEAD WORKS LAYOUT PLAN

SYMBOL AND LEGEND

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PROJECT TITLE
Upper Trishuli-1 HEP (216MW)

OWNER
NWEDC

OWNER'S ENGINEER
TRACTEBEL ENGIE
jade CONSULT

CONTRACTOR
DOOSAN Enerbility

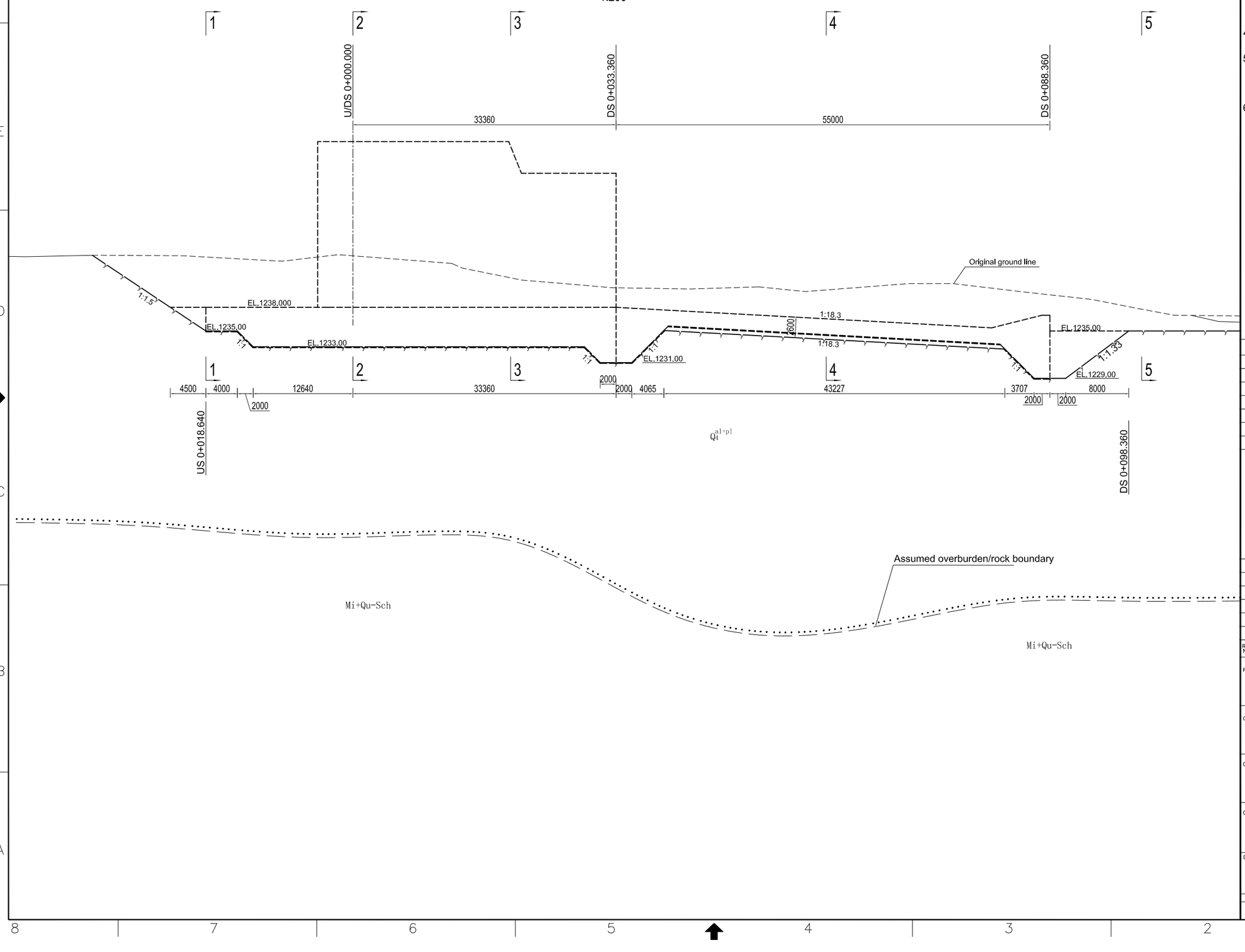
DRAWING TITLE
EXCAVATION AND SUPPORT DRAWINGS OF WEIR

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-050-CVL-DG-44002-07	OF	A

A1 (594 x 841 MM)

SECTION 7-7

DL/R 0+000.000
1:200



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1:200 0 2 4 6 8 10m

REFERENCE DRAWINGS

UT1-C-050-CVL-DG-44001	HEAD WORKS LAYOUT PLAN

SYMBOL AND LEGEND

FOR APPROVAL

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PROJECT TITLE
Upper Trishuli-1 HEP (216MW)

OWNER
NWEDC NEPAL WATER AND ENERGY DEVELOPMENT CO. PVT. LTD.

OWNER'S ENGINEER
TRACTEBEL ENGIE
jade CONSULT

CONTRACTOR
DOOSAN Enerbility

DRAWING TITLE
EXCAVATION AND SUPPORT DRAWINGS OF WEIR

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-050-CVL-DG-44002-08	8 OF 8	A

A1 (594 x 841 MM)